

KADARI, H.

Let us build modern saunas in collective farm villages. p.422

GAZ, WODA I TECHNIKA SANITARNA (Stowarzyszenie Naukowo-Techniczne Inzynierow I Technikow Sanitarnych Ogrzewnictwa i Garownictwa) Warszawa, Poland
Vol. 13, no.9, Sept. 1958

Monthly list of East European Accession (EEAI) LC, Vol.9, no.2, Feb. 1960

Uncl.

KADARIYA, K. I., Cand of Tech Sci -- (diss) "On the question of the calculation of the strength of wall beams." Tbilisi, 1957, 9 pp, (Georgian Polytechnical Institute im S. M. Kirov), 100 copies (KL, 30-57, 110)

KADARMETOV, Kh. N.

B

Distribution of Oxides in Ferrochromium Slags. Kh. N. Kadarimtov, Henry Bratcher, Translation No. 2508, 7 pages. From Stal (Steel), v. 7, no. 1, 1947, p. 37-38. Distribution of chromic oxide, ferrous oxide, silica, magnesia, and alumina obtained in producing ferrochromium containing less than 1% C was investigated in order to improve Cr extraction. Discusses behavior of the reducing agent. Results are tabulated, plotted, and discussed.

Chelyabinsk Ferrous Metals Plant.

ASB-55A METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00
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KADARMETOV, Kh. N.										PROCESSES AND PROPERTIES INDEX																																																	
<p>CARBON IN FERROCHROME AND FERROSILICOCHROME Kh. N. Kadarmetov. Stal 1947, vol. 7, pp 507-510 In Russian Chemical Abstracts 1949, vol. 43 Apr. 10 cols. 2553-2554. The interrelation between silicon and carbon in ferrosilicochrome is reviewed. The displacement of carbon by silicon in ferrosilicochrome is affected by size of the ferrochrome lumps used in the processes method of furnace charging duration of run arrangement of electrodes method of casting etc. Thus the carbon content in the alloy increases as the melt period shortens. In tapping the furnace some slag comes out with the metal and the slag contains approx. 10 times as much carbon as the metal. When the lumps of ferrochrome are large, the reduction of silica by carbon does not go to completion and the carbides enrich the carbon in the metal. Careful control of these factors permits the production of a ferrosilicochrome of very low carbon content.</p>																																																											
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KADARMETOV, Kh. N.																																																																													
Roasting molybdenum concentrates. Kh. N. Kadarmetov and K. N. Rispel. <i>Met. Eng.</i> 81-3(1918). Expts. on roasting Mo concentrates were carried out in a canal coal-fired reverberatory. The furnace was charged through chutes in the roof, the charge was levelled to a 10-70 mm. layer and then moved through the 4 zones of the furnace corresponding to its 4 ports. In correlation to these zones the temp. increased from up to 450° in the first to 710° in the 4th zone. During its progress through the reverberatory, the concentrate was periodically mixed. Depending on their nature, the concn. rates spent more or less time in the furnace, but generally it was around 8 hrs. The three different concentrates reported had their S content reduced from 34.83, 33.38, and 33.20% to 0.07, 0.13, and 0.12% resp. M. Hosen																																																																													
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S/133/60/000/012/006/015
A054/A027

AUTHOR: Kadarmetov, Kh.N.

TITLE: News in Brief

PERIODICAL: Stal', 1960, No. 12, p. 1106

TEXT: In the Chelyabinsk Scientific Research Institute of Metallurgy tests were carried out in cooperation with the Chelyabinsk Ferro-Alloy Plant to establish the technology of silicochrome production in one stage, from Aktyubinsk chrome ore and Bakal'sk quartzite. Small coke and charcoal were used as reducing agents, magnesite and fluorite as fluxes. The meltings were carried out at transformer voltages of 82 and 95 with a power of about 650 kva. In order to examine the mechanism of the process, the furnace was switched off without smelting and the content of the bath was analyzed. Silicochrome with a silicate content of 40-45% could be obtained in continuous process with the charging hole closed, the slags having a SiO_2 content of 40-45% and a MgO 

proportion between 0.8-1.2. It was found that the C-content in silicochrome produced by the one-stage method was lower than when produced in two stages and that the increase in the carbides of silicate, moreover, raised the viscosity and the melting temperature of industrial slag.

Card 1/1

KADARMETOV, Kh.N.

Making a 75-percent ferrosilicon with a low aluminum content.
Stal' 21 no.6:575 Jo '61. (MIRA 14:5)
(Ferrosilicon)

BEZOBRAZOV, S.V.; KADARMETOV, Kh.N.; KOLOYARTSEV, V.L.; SHALEV, A.A.;
SHCHEDROVITSKIY, Ya.S.

Investigating the furnace bath following the experimental pro-
duction of ferrosilicochromium from ores and quartzite. Stal'
21 no.10:903-907 0 '61. (MIRA 14:10)

1. Chelyabinskiy nauchno-issledovatel'skiy institut metallurgii.
(Iron-silicon-chromium alloys—Metallurgy)
(Smelting furnaces)

KADARMETOV, Kh.N. (Chelyabinsk); RUSAKOV, L.N. (Chelyabinsk);
GOROKH, A.V. (Chelyabinsk)

Characteristics of the reduction of chromium ore lumps.
Izv. AN SSSR. Met. i gor. delo no.4:17-23 J1-Ag '64.
(MIRA 17:9)

KADARMETOV, Kh.N., kand. tekhn. nauk; RUSAKOV, L.N., inzh.; KOLOZARTSEV,
V.L., inzh.

Investigating the process of smelting iron-silicon-chromium
alloys. Stal' 24 no.8:712-716 Ag '64. (MIRA 17:9)

1. Chelyabinskiy nauchno-issledovatel'skiy institut metallurgii.

L 3992-66 EPA(s)-2/ENI(m)/EPR(n)-2/ENP(t)/ENP(b) IUP(c) 00/000/00

ACC NR: AP5022354

UR/0133/65/000/009/0820/0823

669,168:621.365

AUTHOR: Bazobrazov, S. V.; Kadarmatov, Kh. N.; Charushnikova, G. V.; Krichavets, R. B.; Ponomarenko, Yu. G.; Tulin, N. A.; Pozdeyev, N. P.; Sergeyev, A. B.

TITLE: Vacuum treatment of liquid ferrochromium

SOURCE: Stal', no. 9, 1965, 820-823

TOPIC TAGS: ferrochrome, low carbon ferrochrome, liquid ferrochrome, ferrochrome decarburization, vacuum decarburization

ABSTRACT: To develop a technique for industrial-scale production of low-carbon ferrochromium, the Chelyabinsk Scientific Research Institute of Metallurgy together with the Chelyabinsk Metallurgical Plant conducted (1960-1964) a series of laboratory and semi-industrial scale experiments on decarburization of liquid ferrochromium in a vacuum induction furnace. The experimental results showed that vacuum treatment of a 400-kg heat of liquid ferrochromium in an induction furnace in a vacuum of 0.6—2.0 mm Hg (80—270 n/m²) at 1670—1700C reduced the carbon content of the alloy from 0.05—0.07 to 0.01—0.02% in 1 hr, and even lower with further treatment. The chromium content of the alloy was practically unchanged, and the loss of ferrochromium did not exceed 3%. The power consumption for vacuum treatment was about 500 kwh per ton of liquid ferrochromium, and the carbon oxidation rate was 0.0006 to 0.0009% C/min. In industrial-scale production, liquid ferrochromium can be poured into a ladle from which, after slag removal, the metal is poured into the crucible

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of an induction furnace. The air is then evacuated from the furnace and after treatment the degassed metal is cast in flat ingots in air or in vacuum. To speed up the treatment, the crucible preferably should be of large diameter but comparatively shallow, and the content of carbon and phosphorus in the initial alloy should not exceed 0.07—0.09 and 0.03%, respectively. Orig. art. has: 1 figure and 1 table.

[MS]

ASSOCIATION: Chelyabinskiy n.-i. institut metallurgii (Chelyabinsk Scientific Research Institute of Metallurgy); Chelyabinskiy metallurgicheskiy zavod (Chelyabinsk Metallurgical Plant)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM,IE

NO REF SOV: 011

OTHER: 000

ATD PRESS: 419

RC
Card 2/2

SHMEL'KOV, V.I.; SHCHEDROVITSKIY, Ya.S.; KADARMETOV, Kh.N.; BRIKOVA, O.V.;
SHIRYAYEV, Yu.S.; AGARKOVA, N.A.; KRAVCHINSKIY, R.V.; TAMBOVTSEV, V.A.

Material and power balance in melting carbon ferrochromium
in a large furnace. Stal' 24 no.12:1094-1096 D '64.

(MIRA 18:2)

KADARNE PAUNGCZ, Judit

Polarographic determination of lead and antimony contamination
in metal tin. Magy kem lap 15 no.7;330-331 J1 '60.

1. Országos ~~Melekeses~~- és Taplakozastudományi Intezet.

KADAR-PAUNCZ, Judit (Mrs) (Budapest, VII., Rottenbiller u.26)

Polarographic behavior of griseofulvin and trichothecin; a preliminary communication. Acta chimica Hung 35 no.3:297-299 '63.

1. Research Institute for Pharmaceutical Industry, Budapest.

DAREVSKIY, I.S.; KADARSAN, S.

Biology of the giant Indonesian monitor (*Varanus komodoensis* Ouwens).
Zool. zhur. 43 no.9:1355-1360 '64. (MIRA 17:11)

1. Zoologicheskiy institut AN SSSR, Leningrad i Bogorskiy zoologicheskiy muzey na ostrove Yava, Indoneziya.

KADARYU, Ye.

Use of a fatty transplant in functional surgery of the ear.
Vest. otorin. 22 no. 3:48-51 My-Je '60. (MIRA 13:10)
(OTOSCLEROSIS) (ADIPOSE TISSUES—TRANSPLANTATION)

HUNGARY / General Biology. General Histology.

B-3

Abstr Jour : Ref Zhur - Biol., No 11, 1958, 47552

Author : Kadas, I

* Inst : ~~Not given~~

Title : Changes in the Submicroscopic Structure of the Cytoplasm of the Nephron in Cats Following Hypophysectomy.

Orig Pub : Kisori Orvostud., 8, No 5, 480-488 (1956).

Abstract : The histochemical study of the effect of hypophysectomy and of adrenalectomy on the cytological structure of the nephron is reported. A total of ten hypophysectomized and fifteen adrenalectomized mature cats were used in the study; another group of twenty healthy animals was used as control. A number of animals to which ACTH had been administered and which were either kept on a starvation diet or had their pylorus ligated were also used. The intracellular submicroscopic lattice structure was studied with the aid of oil-immersion phase-contrast optics, partly in

Card 1/2

* PECSI ORVOSTUDOMÁNYI EGYETEM KÖRNYEZETI INTÉZETE.

TOMPA, Sandor; KADAS, Istvan

Effect of nephrotoxin serum on infant rabbits. *Magy. belorv. arch.*
9 no.5:151-160 Oct 56.

1. A Pecséi II. sz. Belklinika (Igazgató: Hamori, Artur, dr. egy.
tanár) és a Pecséi Kórház Intézet (Igazgató: Romhányi, György
dr. egy. tanár) közleménye.

(IMMUNE SERUMS, eff.

nephrotoxin serum inducing nephritis in infant rabbits,
role of toxin quantity, histopathol. (Hun))

(NEPHRITIS, exper.

nephrotoxin serum induced in infant rabbits, role of toxin,
quantity, histopathol (Hun))

KADAS, Istvan, Dr.; SKODA, Ervin, Dr.; CZURKO, Geza, Dr.; LUX, Otto, Dr.

Cancer of the polycystic lung with postoperative spontaneous
pneumothorax of the contralateral side. Orv. hetil. 100 no.47:
1704-1706 Nov. 22, 59

1. A Pécsi Orvostudományi Egyetem Kóronctani Intézetének (igazgató:
Romhányi György dr. Egyet. tanár) és a Baranya megyei Tanács VB.
Kórház (igazgató: Steinmetz Endre dr.) általános sebészeti osztá-
lyának (főorvos Skoda Ervin dr.) közleménye.
(PNEUMOTHORAX, etiol.) (LUNGS, neopl.)

KADAS, Istvan, dr.; ZABO, Zoltan, dr.

Unusual case of degeneration of malignant ovarian endometrioma.
Magy.noorv.lap. 21 no.1:45-47 Ja '60.

1. A baranyaszegei Tanacs Korhaza (igazgato: Steinmetz Endre dr.)
korbonctan-korszozettani osztalyanak (foorvos: Kadas Istvan dr.)
es a siklosi jarasi Korhas (igazgato: Gruber Bela dr.) Nagygyvasati
osztalyanak (foorvos: Zabo Zoltan dr.) kozlemenye.
(ENDOMETRIOSIS pathol)
(OVARY neopl)

KADAS, Istvan

Tasks of the trade union sports movement. Munka 10 no.4:26-27
Ap '60.

1. Szakszervezetek Országos Tanácsa testnevelési és sportosztá-
lyának vezetője.

KADAR, Istvan

Data on the Miklos Toldi Physical Education Movement. Munka 10
no.9:26-27 8 '60.

1. Szakszervezetek Orszagos Tanacsa testnevelési es sportosztá-
lyának vezetője.

KADAS, Istvan

Achievements in the workers' physical education. Munka 11 no.1:24-25
Ja '61.

1. Szakszervezetek Országos Tanácsa sportosztálynak vezetője.

(Hungary—Labor and laboring classes)

(Hungary—Physical education)

KADAS, Istvan

A few experiences gained by the Kilian Physical Education Movement.
Munka 11 no.9:26-27 S '61.

1. Szakszervezetek Országos Tanácsa testnevelési- és sportosztályának vezetője.

(Hungary—Trade unions) (Hungary—Physical education)
(Hungary—Sports)

KADAS, Istvan

The balance of the last year's sports activities. Hung TU
no.5:18-19 My '62.

1. Head of the Central Council of Hungarian Trade Unions Sports &
Physical Training Department.

KADAS, Istvan

Labor sportmen of tomorrow. Munka 12 no.1:32-33 Ja '62.

1. Szakszervezetek Orszagos Tanacsa sportosztalyanak vezetoje.

KADAS, Istvan

At the 5th congress of Polish Trade Unions. Munka 13 no.1:32-33
Ja '63.

1. Szakszervezetek Országos Tanácsa nemzetközi kapcsolatok
osztályának vezetője.

KADAS, Istvan

In the spirit of proletarian solidarity. Munka 13 no.4:
5-6 Ap '63.

1. Szakszervezetek Országos Tanácsa nemzetközi osztályának
vezetője.

KADAS, Istvan

African experiences of a Hungarian trade-union delegation.
Munka 14 no. 2: 10-11 F '64.

1. Szakszervezetek Országos Tanácsa nemzetközi kapcsolatok osztálya vezetője.

KADAS, K.

"Economic Qualification of Proposals For Planning Technical and Organizational Measures in Transportation", P. 51, (KOZLEKEDESTUDOMANYI SZEMLE, Vol. 4, No. 2, Feb. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (KEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

KADAS, K.

"Comments on the University Manual Varosi Kozlekedes (City Traffic)",
P. 197, (KOZLEKEDESTUDOMANYI SZEMLE, Vol. 4, No. 5, May 1954, Budapest,
Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

KADAS, K.

Means of transportation exhibited at the Leipzig Technical Fair. p. 331.
KOZLEKESZTUDOMANYI SZEMLE. Budapest. Vol. 5, no. 9, Sept. 1955.

SOURCE: East European Accessions List (EEAL) LC, Vol. 5, no. 2, Feb. 1956.

KADAS, K.

Increased technical improvement of highway vehicular traffic. p. 3

AUTO MOTOR. Vol. 8, no 18, Sept. 1955

(Kozlekedesi Kiado) Budapest

SOURCE: East European Accessions List

Vol. 5, no. 1

September, 1956

KADAS, K.

32(0)

SOV/30-59-6-17/40

AUTHOR:

Aksenov, I. Ya., Candidate of Technical Sciences

TITLE:

News in Brief (Kratkiye soobsheniya). Conference on the Application of Methods of Cybernetics for Transportation and the Construction of Means of Transportation (Soveshchaniye po primeneniyu metodov kibernetiki na transporte i v transportnom stroitel'stve)

PERIODICAL:

Vestnik Akademii nauk SSSR, 1959, Nr 6, pp 111-112 (USSR)

ABSTRACT:

The Conference took place from March 10 to 12 in Budapest. K. Kadas reported on some theoretical and practical tasks in this field. At present methods of cybernetics for transportation are being developed at the Institut kompleksnykh transportnykh problem Akademii nauk SSSR (Institute for Comprehensive Transportation Problems of the Academy of Sciences of the USSR). G. Jandy spoke of methods of linear programming for setting up an optimum transportation plan. I. Turanyi discussed problems of the remote control of railroad traffic. T. Marfai explained the application possibilities of cybernetics in the planning of highways and for traffic. Ya. Szabo reported on the application of cybernetic methods for

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SOV/30-59-6-17/40

News in Brief. Conference on the Application of Methods of Cybernetics for
Transportation and the Construction of Means of Transportation

technical projecting and building. A close collaboration
between Soviet and Hungarian scientists in this field will
accelerate the solution of the present problems. ✓

Card 2/2

KADAS, K.

The first transportation economic-engineering diplomas granted by the Technical University of the Building Industry and Transportaion. p. 548.

KOZLEKEDESTUDOMANYI SZEMLE. Budapest, Hungary. Vol. 9, no. 11, Nov. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. ~~XX, no. 2, Feb. 1960~~.
Uncl. 9, no. 2, Feb. 1960

KADAS, Kalman, dr.

The Hungarian instruction system of transportation operation engineers is ten years old. Kozleked tud sz ll no.11:481-484 N '61.

KADAS, Kalman, dr., egyetemi tanar

Hungarian training of transport engineers started ten years ago. Auto motor 14 no.24:3-4 D '61.

1. Közlekedési Úszernoki Kar dékánja, Budapest.

SZABO, Dezso, dr.; CSANADI, Gyorgy, dr.; SARLOS, Istvan; KADAS, Kalman, dr.,
kandidatus; GYULAI, Geza; VILMOS, Endre, dr.; NAGY, Rudolf, főpárnok
KOLLER, Sándor, adjunktus; TURANYI, Istvan, dr., tanszékvezető egye-
temi tanár; BENYEI, András, dr.; BARANSZKY JOB, Imre; BORSOS, József,
dr., egyetemi tanár; HEGYI, Kalman

The 5th Conference on City Transportation. Építés közlekedés tud
közli 7 no.3:341-346 '63.

1. Committee of Highway and City Transportation, Hungarian Academy
of Sciences, Budapest (for Csanadi). 2. Executive Commission, Capital
City Council, Budapest (for Sarlos). 3. Faculty of Transportation
Engineering, Technical University of Building and Transportation,
Budapest (for Kadas). 4. Head, Directorate of Transportation, Executive
Commission, Capital City Council, Budapest (for Gyulai). 5. Techni-
cal University of Building and Transportation, Budapest (for Vilmos
and Turanyi). 6. Directorate of Transportation, Executive Commission,
Capital City Council, Budapest (for Rudolf Nagy). 7. Chair of Road
Construction, Technical University of Building and Transportation,
Budapest (for Koller). 8. Research Group of Transportation, Hungarian
Academy of Sciences, Budapest (for Benyei). 9. National Committee on
Technical Development, Budapest (for Baranszky Job). 10. Road and
Railroad Planning Enterprise, Budapest (for Hegyi).

GERLE, Gyorgy, dr., a muszaki tudományok kandidátusa; BOKSOS, Jozsef, dr., a muszaki tudományok kandidátusa; KADAS, Kalman, dr., a muszaki tudományok kandidátusa

Debate on Dr. Gyorgy Gerle's dissertation for candidacy entitled "Role of economic factors in regional planning." Epites kozleked tud kozl 7 no.3:353-368 '63.

KADAS, Kalman, dr., a muszaki tudományok kandidátusa, egyetemi tanár,
dekan

Materialisation of the educational reform objectives at the
Faculty of Transport Engineers, Technical University of the
Construction Industry and Transportation. Kozl tud sz 13
no.3:106-109 Mr '63.

1. Építőipari és Közlekedési Műszaki Egyetem Közlekedés-
üzemhernoki Karja.

KADAS, Kalman, dr., egyetemi tanar

Closing address delivered at the 2d Conference on Material
Handling. Gep 15 no.5:210-211 Ny '63.

1. Építőipari és Kereskedési Műszaki Egyetem Kereskedési
Üzemnemi Kar dékánja.

KOLLER, Sandor, muszaki egyetemi adjunktus; ALMASSY, SARLOS, Istvan, dr.; KADAS, Kalman, dr., a muszaki tudomanyok kandidatusa, egyetemi tanar; NAGY, Rudolf; TURANYI, Istvan, dr., a muszaki tudomanyok kandidatusa, tanszekvezeto tanar; GINTL, Jozsef, fomernek; SZILAGYI, Lajos; KELEMEN, Lajos

The 5th Conference on City Transportation. Auto motor 16 no.20:5-6 21 0 '63.

1. Fovarosi Tanacs Vegrehajto Bizottsaga elnok (for Sarlos).
2. Fovarosi Tanacs Koslekedesi Igazgatóságának helyettes vezetője (for Nagy).
3. Építőipari Műszaki Egyetem (for Turanyi).
4. Fovarosi Villamosvasut (for Gintl).
5. Fovarosi Tanacs Vegrehajto Bizottsaga Epitesi es Varosrendezesi Osztalyanak vezetője (for Szilagyi).
6. Budapest Fovarosi Tanacs Vegrehajto Bizottsaga elnokehelyettese (for Kelemen).

KADAS, L. 1948

"A Case of Myeloma With An Unusual Course."

Pneumonologia Danubiana, Budapest 1948, 1/5-6(233-237)
Abst: Exc. Med. V. Vol. 11, No. 9. p. 673

tion of the pigment.

Kadas, L.

MESTER, A.; KADAS, L.

Functional and anatomical changes changes of the pancreas in Leiner's disease. *Gyermekegygyaszat* 3 no. 7:213-223 July 1952. (GLML 23:1)

1. Doctors. 2. Pediatric Clinic (Director -- Prof. Dr. Odon Kerpel-Fronius) and Institute of Pathological Anatomy (Director -- Prof. Dr. Bela Entz), Pecs University.

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inhibiting substance in the serum. This will inhibit the substance
to about 50% of the amount of the substance.

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000519820019-6"

KADAS, L.

3879. Melanophore-inhibiting factor (MH) of blood serum of cancer patients. L. Kadas *Acta physiol. Acad. Sci. Hung.*, 1954, 8, 495-499 (Pathol. Dept., County Hosp., Szombathely, Hungary)—Blood serum of cancer patients inhibits the activity of pituitary MH extracts on the melanophores of the frog skin. The properties of this MH-inhibiting substance are the same as those of a similar substance which appears in normal serum on incubation with heparin. (German)
A. B. L. BAZNÁK.

KADAS, László

BRAND, Imre; KADAS, László; ARATO, István

Further investigations on general pathology of angiod striae.
Szemészet 91 no.2:78-85 Apr 54.

1. A Pécsi Orvostudományi Egyetem Szemklinika-jának (igazgató:
Boros Béla egyet. tanár, az orvostudományok kandidátusa, és
Korbonctani Intézetének (igazgató: Komhanyi György egyet. tanár,
az orvostudományok kandidátusa) közleménye.

(RETINA, dis.

Grondblad-Strandberg synd.)

KADAS, László, dr.

Melanophorin inhibition by heparin in the urine of normal and cancer patients. Orv. hetil. 95 no.40:1095 3 Oct. 54.

1. Vasnagyi Tancs Kórház (igazgató: Szvoboda Jeno dr.)
Prösecturájának (főorvos: Kadas László) közleménye.

(NEOPLASMS, urine in

heparin & melanophorin inhib.)

(PITUITARY GLAND, POSTERIOR, hormones

melanophorin in urine, inhib. by heparin in cancer)

(HEPARIN, in urine

in cancer, melanophorin inhib.)

(URINE

heparin, inhib. of melanophorin in cancer)

KÁDÁS L.

EXCERPIA MEDICA Sec.3 Vol.11/1 Endocrinology Jan 57

37. KÁDÁS L. and FARKAS E. Prosektur des 'Lajos Markusovszky' Komitats-
krankenhauses, Szombathely. *Hormonale Veränderungen in der Basedowkrise
mit besonderer Rücksicht auf die Nebennierenfunktion. Hormonal chan-
ges in thyrotoxic crisis with special reference to ad-
renal function ACTA MED. ACAD. SCIENT. HUNG. (Budapest) 1955,
8/2 (173-185) Tables 1 illus. 6

In 6 patients who died in thyrotoxic crisis the authors found an intact zona glom-
erulosa, but the zona fasciculata and reticularis showed a structural change called
'tubular degeneration' by Rich. It is supposed that the inner zones are first hyper-
trophied due to persistent TSH and ACTH production and then become insufficient.
This lesion of the adrenal cortex is reversible (ACTH and cortisone therapy). All
cases showed status thymico-lymphaticus. On the basis of these findings ACTH-
cortisone therapy is recommended in severe hyperthyroidism.

Lengyel - Budapest (VI, 3)

KADAS, Lagglo

Experimental studies on the melanophor hormone of laboratory animals. Kiserletes orvostud. 8 no.5:458-464 Sept 56.

1. Vasnogyei Tanacs "Markusovsky" Korhasanak Korsovettani Laboratoriuma es Prosecturaja.

(PITUITARY GLAND, hormones

intermedin. differentiation from ACTH in exper. animals (Hun))

(ACTH

differentiation from intermedin in exper. animals (Hun))

SZABOLCS, Zoltan, dr.,; KADAS, Laszlo, dr.,; NEMETH, Gyula, dr.

Retroperitoneal multilocular cystadenoma and peritoneal
pseudomyxoma in male. Magyar. sebészeti 9 no.2:114-118 Apr 56

1. Vas megye Tanácsa, Markosovszky Lajos Kórhaza I. sz. sebészeti
osztályának (főorvos: Szabolcs Zoltan dr.) és prosecturájának
(főorvos: Kadas László dr.) közleménye.

(PERITONEUM, neoplasma

retroperitoneal multilocular cystadenoma with pseudomyxoma
peritonei in male, pathol. (Hun))

(ADENOCARCINOMA

pseudomyxoma peritonei with retroperitoneal multilocular
cystadenoma in male, pathol. (Hun))

HUNGARY/Pharmacology and Toxicology - Toxicology.

V-10

Abs Jour : Ref Zhur = Biol., No 14, 1956, 66484

Author : Kadas, L., Zsanboky, P.

Inst : Hungarian Academy of Science

Title : The Hormonal Therapy of Mercury Bichloride Poisoning.
An Experimental Study.

Orig Pub : Acta med. Acad. sci. hung., 1956, 9, No 4, 363-379.

Abstract : Male rats weighing 250-300 g were given 5 ml of a 0.1% solution of mercury bichloride (I) into the stomach through a catheter. Simultaneously, 0.25 mg. of cortisone (II) or ACTH alone, or ACTH with II, or 0.05 mg of testosterone (III) or 1.5 ml of BAL were administered b.i.d. for 18 days. Two to 9 days after poisoning, the mortality rate among the experimental rats, as compared to controls, was decreased and was 30% in those which had

Card 1/2

KADAS, Laszlo; ZSAMBENKY, Pal

New experimental data on the hormone therapy of sublimate poisoning.
Kiserletes orvostud. 9 no.3:246-254 July 57.

1. Vasnagyei Tanacs Markusovszky Korhas Prosecturaja es I. ss.
Belgyogyasszati Onstalya.

(MERCURY, tox.

mercuric chloride, eff. of ACTH, cortisone, dimercaprol
& testosterone in exper. pois. in rats (Hun))

(ACTH, eff.

on exper. mercuric chloride pois. in rats, with cortisone
(Hun))

(CORTISONE, eff.

on exper. mercuric chloride pois. in rats, with ACTH (Hun))

(DIMERCAPROL, eff.

on exper. mercuric chloride pois. in rats (Hun))

(TESTOSTERONE, eff.

same)

EXCERPTA MEDICA Sec 6 Vol 13/2 Internal Med. Feb 59

1197. NEW EXPERIMENTAL DATA ON HORMONE THERAPY OF MERCURIC CHLORIDE POISONING - Neue experimentelle Angaben zur Hormontherapie der Sublimatvergiftung - Kádas L. and Zsámbéky P. I. Med. Abt., Krankenh. Szombathely - ENDOKRINOLOGIE 1957, 35/2-3 (127-137) Tables 3 illus. 6

The effects of testosterone, ACTH, cortisone and dimercaprol, administered before and after acute mercuric chloride poisoning of rats, were compared. In contrast to dimercaprol, with which a favourable effect can only be expected in the first 12-24 hr. after poisoning, hormone therapy may be successful even if it is begun as late as 2 or 3 days after poisoning. In view of the different points of attack of dimercaprol and hormones, combined treatment is recommended in all cases. Treatment begun before and simultaneously with poisoning led to the same results.

(III, 2, 6)

KADAS, Laszlo

Studies on the gastroduodenal system, pancreas and liver in experimental chronic alcoholism. Kiserletes Orvostudomány 11 no.4: 411-421 August 1959

1. Vas megye Tanácsa, "Markusovszky" Korhaza Korszovettani Laboratoriuma.

(STOMACH, pathol)
(DUODENUM, pathol)
(PANCREAS, pathol)
(LIVER, pathol)
(ALCOHOLISM, exper)

KADAS, Laszlo; VIRAG, Lajos

Role of the neuro-endocrine relationship in blood coagulation.
Kiserletes Orvostud. 12 no.6:572-577 D '60.

1. Vasmegyei Tanacs Korhasanak Korszovettani Laboratoriuma.
(BLOOD COAGULATION pharmacol)
(CORTISONE pharmacol)
(CORTICOTROPIN pharmacol)

LELEK, Istvan; NAGY, Dezso; KADAS, László; VIRÁG, Lajos

A lipid-mobilizing hormone in man. Kiserletes orvostud. 13 no.4:
430-433 Ag '61.

1. Soproni Állami Szanatorium Belosztály és Vasmegye Tanácsa
"Markusovszky" Kórházának Prosecturája.

(LIPIDS metab) (PITUITARY GLAND POSTERIOR hormones)

KADAS, Laszlo, dr.; KOCSIS, Sandor, dr.

Cytological examination of vaginal smears in subjects with mammary cancer. Magy. onkol. 6 no.1:23-27 Mr '62.

1. Vas Megye Tanácsa "Markusovszky" Korhaza, Kórszovettani, és Onkoradiológiai Osztály.

(BREAST NEOPLASMS diag) (VAGINAL SMEARS)

KOCSIS, Sandor, dr.; KADAS, Laszlo, dr.

Reflection of the work of the Oncocytological Center in the
various phases of cervical cancer distribution in Vas County.
Magy.onkol. 7 no.4:245-247 D '63.

1. Vasmegye Tanácsa "Markusovszky" Korhaza Onkoradiológiai Osztálya
és Onkocytológiai Allomása.

L 9769-66

ACC NR: AP6001945

SOURCE CODE: HU/0018/65/017/001/0001/0006

AUTHOR: Kadas, Laszlo—Kadash, L.; Nagy, Dezso—Nad', D. 20
23

ORG: Department of Pathology, Markusovszky Hospital, Vas County Council (Vas megye Tanácsa "Markusovszky" Korház Korbonctani Osztálya); Laboratory, Pecs City Council Hospital, Pecs (Pecsi Városi Tanács Korház Laboratóriuma)

TITLE: Some physicochemical properties of lipid mobilizing factors isolated from blood and urine

SOURCE: Kiserletes Orvostudomány, v. 17, no. 1, 1965, 1-6

TOPIC TAGS: biochemistry, blood, urology, hematology, experiment animal

ABSTRACT: The lipid mobilizing factors isolated from the blood and urine of fasting and cortisone-treated humans show such similarities in their chromatographic and electrophoretic behavior as well as in their behavior on ion exchange resins that they should be considered identical or closely related compounds. Orig. art. has: 2 figures, 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: 10 May 63 / ORIG REF: 003 / OTH REF: 012

CC
Card 1/1

I 9754-66

ACC NR: AP6001946

SOURCE CODE: HU/0018/65/017/001/0007/0012

AUTHOR: Kadas, Laszlo--Kadash, L.; Nagy, Dezso--Nad', D.

ORG: Department of Pathology, Markusovszky Hospital, Vas County Council (Vas megye Tanácsa "Markusovszky" Kórház Kóronctani Osztálya); Laboratory, Pecs City Council Hospital, Pecs (Pecsi Városi Tanács Kórház Laboratóriuma)

TITLE: A few physical-chemical properties of the lipid mobilizing factors (LMF) isolated from the anterior and posterior lobes of the pituitary and from the hypothalamus

SOURCE: Kiserletes Orvostudomány, v. 17, no. 1, 1965, 7-12

TOPIC TAGS: biochemistry, experiment animal, gland, hormone, endocrinology

ABSTRACT: A low molecular weight compound, presumably of a polypeptide nature, has been isolated from the anterior and posterior lobes of the pituitary as well as, in some cases, from the hypothalamus which, in acute experiments, raised the serum cholesterol level in rabbits to a well-measurable extent. The LM factors isolated from different areas showed great similarities in the properties studied; for this reason it is probable that they are identical or closely related compounds. It is thought that the compound which resembles ACTH with respect to some of its properties, is produced in the anterior lobe of the pituitary (that is, it is not strictly an artefact produced in the course of isolation) and may be a humoral factor playing an independent role in the regulation of the lipid metabolism.

Cord 1/2

L. 9754-66

ACC NR: AP6001946

Orig. art. has: 2 figures and 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: 10May63 / ORIG REF: 003 / OTH REF: 046

Card 2/2

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000519820019-6"

Diagnosis

HUNGARY

LUDWIG, Karoly, Dr, GARZULY, Ferenc, Dr, KADAS, Laszlo, Dr; Vas Megye Council "Markusovszky" Hospital, Department of Hematology (chief physician: ISTVAN, Lajos, Dr) and Pathological Anatomy (chief physician: KADAS, Laszlo, Dr) (Vas Megyei Tanacs "Markusovszky" Korhaz, Haematologiai Osztaly es Korbonc-tani Osztaly).

"Weil's Disease Resulting in Death Caused by Renal Insufficiency."

Budapest, Orvosi Hetilap, Vol 107, No 34, 21 Aug 66, pages 1617-1619.

Abstract: [Authors' Hungarian summary] A case of leptospirosis is reported which had the clinical appearance of Weil's disease, was presumably caused by L. Saxkoebing, was confirmed by serological and histological tests and resulted in the death of the patient because of renal insufficiency. The importance of early treatment and of early diagnosis is pointed out and some diagnostic problems are discussed briefly. Of interest in the case is the demonstration of numerous leptospirae in the organs by means of Levatidin's silver impregnation method. 13 Eastern European, 5 Western references.

WEISZ, Pal, Dr.; HORVATH, Iaszlo, Dr.; KADAS, Tamas, Dr.; KOVES, Peter; RITTER, Iaszlo

Hormone secretion of animals after excision of the adrenal medulla and during the regeneration of the adrenal cortical matter. Orv. hetil. 99 no.44:1538-1539 2 Nov 58.

1. A Budapesti Orvostudományi Egyetem Kísérleti Intézetének (igazgató: Sós József dr. egyet. tanár) közleménye.

(ADRENAL MEDULLA, eff. of excis.

secretion of cortical hormones in rats after excis. of medulla & during regen. of cortical matter (Hun))

(ADRENAL CORTEX, physiol.

secretion in rats after excis. of medulla & during regen. of cortical matter (Hun))

DESI, Illes; SZOLD, Endre; WEISZ, Pal; KADAS, Tamas

Effect of somatotrophic hormone on experimental uresia. Kiserletes
Orvostudomány 11 no.1:86-88 Feb 59.

1. Budapesti Orvostudományi Egyetem Korelettani Intézete és Urológiai
Klinikája.

(UREMIA, exper.

eff. of somatotropin alone & with desoxycorticosterone
& 17 α -methyl- Δ 5-androstene-3 β , 17 β -diol in rats (Hun))

(SOMATOTROPIN, eff.

on uremia in rats alone & with desoxycorticosterone
& 17 α -methyl- Δ 5-androstene-3 β , 17 β -diol (Hun))

(DESOXYCORTICOSTERONE, eff.

on uremia in rats with somatotropin (Hun))

(ANDROGENS, eff.

17 α -methyl- Δ 5-androstene-3 β , 17 β -diol with som-
atotropin on uremia in rats (Hun))

SZOLD, Endre; WEISZ, Pal; DESI, Illes; KADAS, Tamas

Effect of methylandrosterdiol and norandrosteron on experimental uremia. Magy. sebeszet 12 no.2:150-154 Mar 59.

1. A Budapesti Orvostudományi Egyetem Urológiai Klinikájának (Igazgató: Babics Antal egy. tanár) és Kóreléttani Intézetének (Igazgató: Sos József egy. tanár) közleménye.

(ANDROGENS, eff.

17 α -methyl- $\Delta^5(6)$ -androsterone-3 β ,17 β -diol dipropionate on uremia in rats, with & without 19-nor-testosterone (Hum))

(TESTOSTERONE, related cpds.

19-nor-testosterone, eff. on uremia in rats, with & without

17 α -methyl- $\Delta^5(6)$ -androsterone-3 β ,17 β -diol dipropionate (Hum))

(UREMIA, exper.

eff. of 17 α -methyl- $\Delta^5(6)$, androsterone-3 β ,17 β -diol dipropionate & 19-nor-testosterone alone & in combination in rats (Hum))

KADAS, T.; WEISZ, P.; GLAZ, M.; KOVES, P.; RITTER, L.

The effect of spinal cord transection on the corticosterone
secretion and histologic pattern of the adrenal cortex.
Acta physiol.hung. 16 no.4:285-289 '59.

1. Institute of Pathophysiology and 3rd Department of Medicine,
Medical University, Budapest.
(SPINAL CORD surgery)
(ADRENAL CORTIX)

KADASHEVICH, A. M. Engr. and CHUMIYEVSKIY, A. V. Engr

"Production of Machines for Mechanizing Animal Husbandry Work, 1949-1951,"
Sel'khoz mashina, No.12, 1951

Translation W-22121, 29 Mar 52

KADASHEVICH, A.M.

Items from technical and economic information bulletins of
economic councils. Trakt. 1 sel'khoz mash. no.10:47-48

0 '58.

(MIRA 11:10)

(Agricultural machinery industry)

KADASHEVICH, A. M.

Items from technical and economic information bulletins of economic
councils. Trakt. 1 sel'khoz mash. no. 11:48-49 N '58

(MIRA 11:11)

(Agricultural machinery industry)

KADASHEVICH, A.M.

Items from technical and economic information bulletins of
national economy councils. Trakt. 1 sel'khoz mash. no.12:44-45
D '58. (MIRA 11:12)
(Agricultural machinery industry)

KADASHNEVICH, A.M.

From technical-economic information bulletins published by
economic councils. Trakt. i sel'khozmas. no.1:46-47 Ja '59.
(MIRA 12:1)

(Bibliography--Technology)

KADASHEVICH, A.M.

From technical and economic information bulletins published
by economic councils. Trakt. i sel'khoz mash. no.2:48 and 3 of
cover. F '59. (MIRA 12:1)
(Agricultural machinery)

KADASHEVICH, A.M., inzh.

Items from technical and economic information bulletins of the
councils of national economy. Trakt. i sel'khoz mash. no.3:47-
3 of cover. Mr '59. (MIRA 12:4)
(Agricultural machinery industry)

KADASHNEVICH, A.M., inzh.

Items from technical and economic information bulletins of
national economic councils. Trakt.i sel'khozmasb. no.8:45-47
Ag '59. (MIRA 12:11)
(Agricultural machinery industry)

KADASHEVICH, A.M., inzh.

Items from technical and economic information bulletins of the
councils of national economy. Trakt. 1 sel'khoz mash. no. 11:48-3
of cover N 59. (MIRA 13:3)
(Agricultural machinery industry)

KADASHEVICH, A.M., insh.

Items from technical information bulletins of economic
councils. Trakt.i sel'khoz mash. no.1:48-3 of cover
Ja '60. (MIRA 13:4)

(Agricultural machinery)

ACC NR: AR6035374

SOURCE CODE: UR/0271/66/000/009/EO40/EO41

AUTHOR: Ivanov, M. N.; Kadashevich, V. I.; Kondurov, I. A.; Nekhay, A. P.; Nikolayev, S. N.; Nikanorov, A. G.; Petrova, V. I.

TITLE: Central system for gathering and processing information (SOFI)

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 9B320

REF SOURCE: Tr. 6-y nauchno-tekhn. konferentsii po yadern. radioelektron. T. 3, Ch. I. M., Atomizdat, 1965, 110-136

TOPIC TAGS: *computer design*, information processing, information storage and retrieval, *electronic computer*, *computer input unit*, *computer output unit*, Minsk-1 computer

ABSTRACT: The article describes a system developed at the Physicotechnical Institute im. A. F. Ioffe AN SSSR for time analysis in 500 - 1000 channels in the investigation of neutron spectra, for two-dimensional amplitude-time and amplitude-amplitude analysis, and for pulse-height analysis with 100 - 200 channels. The main units of the system are: the input units (amplitude and time analyzers) which transform the information received by them into a digital code that determines the address of the memory cell; the memory unit (magnetic operative memory of the "Minsk-1") for storage of the codes; the control unit, which scans the input units in sequence and extracts the numbers from the memory; output unit for the readout of the numbers from the memory to the printer unit, perforator, or cathode ray tube screen; movable control desk for remote control of the input blocks. The input blocks of the system can oper-

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UDC: 681.142.4

ACC NR: AR6035374

ate independently in the following modes: operation, observation, verification, and erasure. The technical characteristics of the system are as follows: number of channels 2048; channel capacity 2^{18} ; number of input units 8; inquiry period 5 μ sec; and maximum registration frequency 12 000 pulses/sec. 10 illustrations. Bibliography, 11 titles. V. Zh. [Translation of abstract]

SUB CODE: 09

Card 2/2

L 09387-67 EEC(k)-2/EWP(k)/EWT(d)/EWP(l)/EWP(y) IJP(c) GG/BB

ACC NR: AR6033766

SOURCE CODE: UR/0058/66/000/007/A028/A029

AUTHOR: Ivanov, M. N. ; Kadashevich, V. I. ; Kondurov, I. A. ; Nekhay, A. P. ;
Nikolayev, S. N. ; Nikanorov, A. G. ; Petrova, V. I. 54

TITLE: Centralized system for the assembly and processing of information 14

SOURCE: Ref. zh. Fizika, Abs. 7A254 160

REF SOURCE: Tr. t-y nauchno-tekhn. konferentsii po yadern. radioelektron.
T. 3. Ch. 1. M., Atomizdat, 1965, 110-136

TOPIC TAGS: memory core, computer storage device, logic element, information assembly, information processing

ABSTRACT: The operational principle and basic equipment of a centralized system for the assembly and processing of information are described in detail. The system consists of a memory core device, a control device, several input arrangements, an output arrangement and extension testing panels. The technical characteristics of the system are as follows: 2048 channels; channel volume, 2^{16} ; there are 8 input devices; interrogation period, 5 μ sec; registration time of the number,

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ACC NR: AR6033766

82 μ sec; maximum registration frequency, 12,000 pulses/sec; data output speed with digital printout, 20 lines per sec; and the output speed on the perforator, 20 octal signs per second. The possibility of multi-dimensional measurements is foreseen. The design is of block type, with easily interchangeable parts. Logic elements are made with semiconductor devices. [Translation of abstract]

SUB CODE: 09, 12/

Card 2/2 mla

ACC NR: AP7001944

SOURCE CODE: UR/0120/66/000/006/0108/0113

AUTHOR: Ivanov, M. N.; Kadashevich, V. I.; Kondurov, I. A.

ORG: Physicotechnical Institute, AN SSSR, Leningrad (Fiziko-tekhnicheskiy institut AN SSSR, Leningrad)

TITLE: Multi-input counting system with data readout

SOURCE: Pribery i tekhnika eksperimenta, no. 6, 1966, 108-113

TOPIC TAGS: calculator, data readout

ABSTRACT: The MSS-8 multi-input counting system is described. This self-contained system, based on decade-by-decade access to the storage unit, permits: 1) accumulation of information in eight channels simultaneously over a period preset by a timer; (2) information readout for printing and punching in machine-readable code; (3) revision of operating conditions according to the prescribed program. The basic parameters of the system are as follows: capacity of each channel 10^7 ; input resolution time, 1 μ sec; intervals set by the timer 10^2 — 10^6 sec; A program control unit has been added to hold the system automatically to a prescribed sequence of system operations; there are up to 10^5 positions for program control. High reliability and simplicity of adjustment have been achieved by using linear access selection with full current remagnetization of cores. The storage unit contains 64 memory decades which form 8 channels. One of the eight decades keeps the number of channel and the

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UDC: 681.142.4

ACC. NR: AP7001944

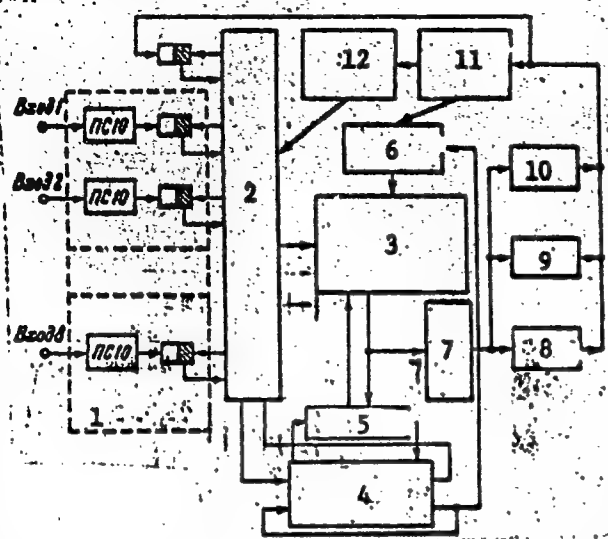


Fig. 1. Block diagram of MSS-8 multi-input counting system

1 - Input block; 2 - interrogator;
3 - storage unit; 4 - unit of pre-
fixed programs: accumulation and
output; 5 - four-bit adder; 6 - bit
counter; 7 - output register;
8 - EUM-28-type printer; 9 - PL-type-
puncher; 10 - indicating tube;
11 - output bit counter; 12 - output
channel counter.

remaining serve for date storage. The code is stored in binary-decimal form.
Orig. art. has: 6 figures.

SUB CODE: 09/ SUBM DATE: 20Nov65/ ORIG REF: 003/ OTH REF: 001/
Card. 2/2

~~KAD~~ KADASHEVICH, Yu. I.

AUTHORS: Kadashevich, Yu. I., Novozhilov, V. V. 20-4-11/52

TITLE: The Theory of Plasticity Which Takes Prestressing Into Account (Teoriya plastichnosti, uchityvayushchaya effekt Baushingera)

PERIODICAL: Doklady AN SSSR, 1957, Vol. 117, Nr 4, pp. 586-588 (USSR)

ABSTRACT: The authors here suggest a theory of plasticity of quasi-isotropic bodies which is based on the following relations between the plastic deformations and tensions:

$$d\epsilon_{ij}^p = \bar{\sigma}_{ij}' df(\bar{T}); s_{ij} = 2g(\bar{\Gamma}) \epsilon_{ij}^p, \bar{\sigma}_{ij} = \sigma_{ij} - s_{ij}, \bar{\sigma}_{ij}' = \bar{\sigma}_{ij}' - (1/3) \delta_{ij} \bar{\sigma}_{kk}',$$

$$\bar{T} = \sqrt{(1/2) \bar{\sigma}_{ij}' \bar{\sigma}_{ij}'}, \bar{\Gamma} = \sqrt{(1/2) \epsilon_{ij}^p \epsilon_{ij}^p}. s_{ij} \text{ is denoted here as tensor of the remanent tensions and } \bar{\sigma}_{ij}' \text{ is denoted as tensor of the active tensions. In the theory considered here, the stretching-strain limit has the same form as in the theory of flow, but the center of the flow limit shifts according to the above-mentioned first equation. The following can be said with respect to the tensions } S_{ij}: \text{ A) They are equal to zero in the moment of the occurrence of the first plastic deformations. B) They depend on the plastic deformations according to the principle of elastic}$$

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The Theory of Plasticity Which Takes Prestressing Into Account

20-4-11/52

interaction. C) Therefore they are conserved on the body also after removal of the stress. The authors then study a mechanic model in order to explain the relations proposed here. For the sake of simplicity and clearness the authors confine themselves to the consideration of a clear case in which only σ_{xx} and σ_{yy} are different from zero. Up to now the influence of the mean normal stress on the criterion of flow was neglected. The complications occurring by taking account of this influence can be avoided analogously to the theory of flow. The most simple variant of the theory described here for which the following formulae hold, is remarkable: $d\varepsilon_{ij}^p = \bar{\sigma}_{ij} d\lambda$, $s_{ij} = 2g_0 \varepsilon_{ij}^p$; $T = (1/\sqrt{3}) \sigma_T$. In this case σ_T denotes the flow limit with simple tension and g_0 signifies a constant which characterizes the solidification. A comparison of the results of the theory proposed here with the test results shows that various experimental facts can be explained by it which cannot be explained either by the theory of flow, or by particularly to these facts: a) Prestressing. b) the non-conformity of the principal axes of the stress tensor and the tensor of the increases in plastic deformations. c) The experimental

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The Theory of Plasticity Which Takes Prestressing Into Account

20-4-11/52

curves generally pass between those curves which were determined by means of the theory of flow and the theory of small plastic deformation. d) A remanent deformation is observed with the circulation on the flow limit assumed with the theory of flowing. e) An essential part of the work which is applied to plastic deformation (~10%) is not converted into heat. There is 1 figure, and 7 references, 4 of which are Slavic.

PRESENTED: October 7, 1957, by L. I. Sedov, Academician

SUBMITTED: September 27, 1957

AVAILABLE: Library of Congress

Card 3/3

KADASHEVICH, Yu. I., Cand Phys-Math Sci -- (diss) "Theory
of Plasticity ^{which} ~~that~~ Takes into Account Residual Micro-
Voltages." Len, 1958. 5 pp, (Len Order of Lenin State Univ
im A. A. ^Zhdanov). 150 copies (KL 40-58, 112)

AUTHOR: Kadashevich, Yu.I. and Novozhilov V.V. 40-22-1-7/15
(Leningrad)

TITLE: A Plasticity Theory in Which Residual Microstresses are Taken Into Account (Teoriya plastichnosti, uchityvayushchaya ostatochnyye mikronapryazheniya)

PERIODICAL: Prikladnaya Matematika i Mekhanika, 1958, Vol 22, Nr 1, pp 78-89 (USSR)

ABSTRACT: The inequality $\sigma_t > 0$ is frequently applied as a criterion for the character of a deformation, where T is an expression which can be calculated from the different principal stresses of the problem. The limit which separates the range of elastic deformations from the range of plastic deformations then is generally determined by the equation $T = C$, where C is the value of the intensity of the tangential stresses in a certain moment. If the given relation is applied, then one obtains a plastic range, the limits of which are similarly enlarged in all directions, whereby, however, the form of the plastic range remains unaltered. But this contradicts to the observations. In experiments it is stated that the magnitude of the range does not only change, but also its form and fur-

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A Plasticity Theory in Which Residual Microstresses
are Taken Into Account

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thermore that a displacement of the range can occur.
In the present paper it is tried to develop a plasticity
theory in which the displacement of the center of the plastic
deformation range is taken into account. The deformation of
the range itself is neglected in this case, since different
other authors calculated this influence and their results can
be directly transferred to the present case too.
With the aid of the author's results effects can be explained
which could not well be theoretically comprehended up to now,
e.g. the Bauschinger effect and the divergence of the main
flow directions for plastic deformations with the principal
stress directions. There are 7 figures, and 11 references,
3 of which are Soviet, and 8 American.

SUBMITTED: October 5, 1957

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S/179/60/000/03/005/039

AUTHORS: Kadashevich, Yu.I. and Pertsev, A.K. (Leningrad)
TITLE: The Loss of Stability of a Cylindrical Shell⁷⁶ Under Dynamic Loading⁷⁶
PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Mekhanika i mashinostroyeniye, 1960, Nr 3, pp 30-33 (USSR)
ABSTRACT: The problem considered is that of an infinitely long cylindrical shell reinforced by equally spaced transverse ribs so that loss of stability occurs only between the ribs. It is assumed that the number of waves round the circumference on loss of stability is large ($n > 5$). The deflection of the shell is expressed approximately by Eq (1), where L is the distance between the ribs and R is the radius of the shell. The kinetic energy of the shell K is given by (4) and the equations of motion by (6), using the dimensionless parameters (7), in which $q(r)$ is the transverse load and V is the sound velocity in the material of the shell. The coefficients in (6) are given by (8) using the notation (9) in which q^* is the external static critical load. Calculations were

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The Loss of Stability of a Cylindrical Shell Under Dynamic Loading carried out on the electrical machine MN-7 and Fig 1 shows typical curves for the dynamic deflection of a shell for which $\pi^2 h R / L^2 = 1$ (h is presumably the shell thickness but this is not stated explicitly). The ordinates and abscissae of Fig 1 are defined in Eq (7). The values of the safe dynamic load are shown in Fig 2 for $\sigma_T = 1$ (for example $\sigma_T = 4000 \text{ kg/cm}^2$, $E = 2.10^6 \text{ kg/cm}^2$, $R/h = 500$) and $\pi R / n L = 0.5$. Fig 3 shows the safe load for a range of n with $\xi_1^0 = 0.01$ and $R/h = 100$. Fig 4 shows the curves of $J_0 (= \xi_0(r))$, $J_1 (= \xi_2(\varphi))$ and $J_2 (= \xi_2(r))$, with ξ_0 , ξ_1 and ξ_2 defined in Eq (7) plotted against r . There are 4 figures and 6 Soviet references.

SUBMITTED: January 20, 1960

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S/124/62/000/011/006/017
D234/D308

10 6100

AUTHORS: Pertsev, A. K. and Kadashevich, Yu. I.

TITLE: Stability of cylindrical shells submerged in a liquid with short-period dynamic loads

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 11, 1962, 23, abstract 11B150 (Tr. Konferentsii po teorii plastin i obolochek, 1960, Kazan', 1961, 271-277) f

TEXT: The authors discuss the formulation of the problem of stability of thin elastic cylindrical shells subject to transverse dynamic load based on non-linear equations of shallow shells in Lagrange's form. The initial sag and the sag during loss of stability are represented in the form

$$w_i = w_i^* \cos(\pi x/l) \cos n\varphi$$

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Stability of cylindrical ...

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$$w = w_0 + w_1 \cos (\pi x/l) \cos n\varphi + w_2 \cos^2 (\pi x/l)$$

where w_0^* , w_0 , w_1 , w_2 are constant, x , φ are cylindrical coordinates, l is the length of the shell, n is the number of transverse waves. It is assumed that the shell is situated in an infinite liquid medium described by linear relations. The total pressure on the shell is in this case equal to the pressure on an absolutely rigid cylinder, added to the pressure due to interaction of the shell with the liquid, i.e. to deformation of the shell (radiation pressure). The latter is calculated in the paper of Yu. V. Goryainov, Yu. I. Kudashevich, I. L. Mironov (Trudy Konferentsii po teorii plastin i obolochek, 1960. Kazan', 1961, 137-141). The authors give a qualitative analysis of the results of the solution of the equations of analog computers, when the pressure impulse varies in time from the initial value according to a linear law. [Abstracter's note: Complete translation.]

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Kada'shevich, Yu. I.

BOROVSKIY, P. V.

PHASE I BOOK EXPLOITATION

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Konferentsiya po teorii plastin i obolochek. Kazan', 1960.

Trudy Konferentsii po teorii plastin i obolochek; 24-29 oktyabrya 1960. (Transactions of the Conference on the Theory of Plates and Shells Held in Kazan', 24 to 29 October 1960). Kazan', [Izd-vo Kazanskogo gosudarstvennogo universiteta] 1961. 426 p. 1000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Kazanskiy filial. Kazanskiy gosudarstvennyy universitet im. V. I. Ul'yanova-Lenina.

Editorial Board: Kh. M. Mushtari, Editor; F. S. Isanbayeva, Secretary; N. A. Alomyae, V. V. Bolotin, A. S. Vol'mir, N. S. Ganiyev, A. L. Gol'denveyzer, N. A. Kil'chevskiy, M. S. Kornishin, A. I. Lur'ye, G. N. Savin, A. V. Sachenkov, I. V. Svirskiy, R. G. Surkin, and A. P. Filippov. Ed.: V. I. Aleksagin; Tech. Ed.: Yu. P. Semenov.

PURPOSE: The collection of articles is intended for scientists and engineers who are interested in the analysis of strength and stability of shells.

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Transactions of the Conference (Cont.)

SOV/6206

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COVERAGE: The book is a collection of articles delivered at the Conference on Plates and Shells held in Kazan' from 24 to 29 October 1960. The articles deal with the mathematical theory of plates and shells and its application to the solution, in both linear and nonlinear formulations, of problems of bending, static and dynamic stability, and vibration of regular and sandwich plates and shells of various shapes under various loadings in the elastic and plastic regions. Analysis is made of the behavior of plates and shells in fluids, and the effect of creep of the material is considered. A number of papers discuss problems associated with the development of effective mathematical methods for solving problems in the theory of shells. Some of the reports propose algorithms for the solution of problems with the aid of electronic computers. A total of one hundred reports and notes were presented and discussed during the conference. The reports are arranged alphabetically (Russian) by the author's name.

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